GOVERNMENT OF INDIA
CHEMICALS AND FERTILIZERS
LOK SABHA

STARRED QUESTION NO:424
ANSWERED ON:19.12.2000
CAPACITY UTILIZATION OF PUBLIC SECTOR FERTILIZER PLANTS
DR. KIRIT SOMAIYA

Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) the present production capacity of the Central Public Sector Fertilizer Plants, Plant-wise;

(b) whether all these plants are working to their full installed capacity;

(c) if so, the details in this regard, plant-wise particularly in respect of Rashtriya Chemicals and Fertilizers Plant; and

(d) if not, the reasons therefor ?

Answer

THE MINISTER OF CHEMICALS & FERTILIZERS (SHRI SUKHDEV SINGH DHINDSA)

(a) to (d): A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PART (a) TO (d) OF LOK SABHA STARRED QUESTION NO. 424 TO BE ANSWERED ON 19.12.2000.

(a) The present production capacity of Central Public Sector fertilizer plants is given in Annexure-I;

(b) & (c): No, Sir. Production has been suspended in 11 plants due to feedstock limitations, non-viability, financial constraints or safety reasons. These plants are of FCI(Gorkhpur, Ramagundam and Talchar), HFC (Namrup I & II, Durgapur and Barauni),RCF (Urea unit of Trombay-I), HCL (Khetri) and PPL (Amjhore and Saladipura). Theother plants are working at varying degree of capacity utilisation ranging up to 128%, as shown in Annexure-II;

(d) The major reasons for under-utilization of the installed capacity of the fertilizer PSUs are stated below:-

Sl.No.	Name of the Plant	Major reasons of shortfall in production during April-Nov,2000
1.	FCI: Sindri (Urea Plant)	It is the oldest urea plant in the country and was commissioned in 1951. It suffers from frequent equipment breakdowns due to vintage of plant and machinery.
2.	HFC:Namrup-III (Urea Plant)	Revamping of the plant is in progress at a cost of Rs.350 crore. It is likely to be completed by May, 2001. This has affected the production.
3.	NFL: Nangal-I (CAN Plant)	CAN production was reduced due low market demand particularly on account of tobacco crop holiday.
4.	NFL:Nangal-II (Urea Plant).	In May, 2000, the plant was shutdown for maintenance. In June, there was BFW injection line leakage; and commissioning of new prilling tower affected the production.

5. NFL:Bhatinda (Urea Plant)	Equipment problems caused by tripping of Oxygen compressor and power problem, etc.
6. NFL:Panipat (Urea Plant)	Power and equipment breakdown and annual shutdown for annual turn around for maintenance job, etc.
7. NFL:Vijaipur-I (Urea Plant)	Power and equipment problems besides, shutdowns for annual maintenance.
8. FACT:Cochin-I (Urea Plant)	Shutdown of one stream due to failure of Auto Transformer of CO_2 Compressor and sudden strike by workers. Even though the strike was for one day but it adversely affected the production of the plant.
9. RCF:Trombay-IV (Complex Fertilizere Plant)	Shortage of gas supply (which is the feedstock) and quipment breakdown affected the production.
10. RCF:Trombay-V (Urea Plant)	Ammonia limitation caused by failure of Synthesis Gas Compressor and R.C. Boiler leakage.
11. RCF: Thal (Urea Plant)	Natural gas limitation throughout the year and low caloric value gas affected productions.
12. SAIL: Rourkela (CAN Plant)	Power and equipment problems along with low market demand of CAN on account of tobacco crop holiday.
13. NLC:Neyveli (Urea Plant)	Urea production was low as Ammonia Plant was under stabilization after long extended shutdown for revamp. Further shutdowns on various occasions were due to equipment breakdown and carrying out Urea Casale Hook-Up Programme and for introduction of high efficiency trays besides less Ammonia availability.
14. PPL:Paradeep (DAP Plant)	Power problem, shortage of phosphoric acid, HDPE bags.

ANNEXURE-I

STATEMENT REFEREED TO IN PART (a) OF THE LOK SABHA STARRED QUESTION NO. 424 TO BE ANSWERED ON 19-12-2000

Plant-wise and product-wise present annual installed capacity of urea and other fertilizers of public sector is given below:

Name of the Plant /Unit	Urea Installed capcty (in `000' MT)	Other Fertilizers @ Installed capacity (in `000' MT)
FCI:Sindri	330.0	-
FCI:Gorakhpur	285.0	-
FCI:Ramagundam	330.0	-
FCI:Talcher	330.0	-
HFC:Namrup-I	-	100.0
HFC:Namrup-II	190.0	-
HFC:Namrup-III	385.0	-
HFC:Durgapur	173.0	-
HFC:Barauni	184.0	-
NFL:Nangal-I	-	320.0
NFL:Nangal-II	330.0	-
NFL:Bhatinda	511.5	-
NFL:Panipat	511.5	-
NFL:Vijaipur-I	853.4	-
NFL:Vijaipur Expn.	853.4	-
FACT:Udyogmandal	-	373.5
FACT:Cochin-I	330.0	-
FACT:Cochin-II	-	485.0
RCF:Trombay	99.0	300.0
RCF:Trombay-IV	-	361.0
RCF:Trombay-V	330.0	-
RCF:Thal	1485.0	-
MFL:Chennai	292.0	840.0
SAIL:Rourkela	-	480.0
NLC:Neyveli	153.0	-
PPL:Paradeep	-	720.0
HCL:Khetri	-	188.0
PPCL:Amjhore	-	264.0
PPCL:Saladipura	-	99.0

@ Other fertilizers include Di-Ammonium Phosphate (DAP), Ammonium Sulphate (A/S), Ammonium Chloride (A/C), Calcium Ammonium Nitrate (CAN), Complexes and Single Superphosphate (SSP) in nutrient terms.

ANNEXURE-II

STATEMENT REFEREED TO IN PART (b) AND (c) OF THE LOK SABHA STARRED QUESTION NO. 424 TO BE ANSWERED ON 19-12-2000

Plant and Product-wise present capacity utilization of operational plants of fertilizer public sector between April-November, 2000 is given below:

Name of the Plant /Unit	Urea %age capacity utilization	Other Fertilizers @ %age capacity utilization +
FCI:Sindri	68.6	-
HFC:Namrup-III	47.3	-
NFL:Nangal-I	-	35.6
NFL:Nangal-II	76.7	-
NFL:Bhatinda	86.6	-
NFL:Panipat	88.7	-
NFL:Vijaipur-I	93.1	-
NFL:Vijaipur Expn.	101.9	-
FACT:Udyogmandal	-	121.9

FACT:Cochin-I	70.2	-
FACT:Cochin-II	-	128.4
RCF:Trombay	_	123.0
RCF:Trombay-IV	-	77.1
RCF:Trombay-V	93.8	-
RCF:Thal	88.6	-
MFL:Chennai	106.7	99.2
SAIL:Rourkela	-	2.4
NLC:Neyveli	58.4	-
PPL:Paradeep	-	80.0

@ Other fertilizers include Di-Ammonium Phosphate (DAP), Ammonium Sulphate (A/S), Ammonium Chloride (A/C), Calcium Ammonium Nitrate (CAN), Complexes and Single Superphosphate (SSP) in nutrient terms.

+ Since production of DAP and Complex fertilizers are inter-changeable, percentagecapacity utilization has been worked out in nutrient terms.